

दूरभाष :
TELEPHONE:
तार : बार्क-मुंबई, चेम्बूर.
TELEGRAMS : BARC-MUMBAI, CHEMBUR.
फैक्स संख्या : ९१-२२-५५० ५१५१
FAX NUMBER : 91-22-550 5151



भारत सरकार
GOVERNMENT OF INDIA
भाभा परमाणु अनुसंधान केन्द्र
BHABHA ATOMIC RESEARCH CENTRE

Materials Science Division

Tender Invitation

ट्रॉम्बे,
मुंबई - ४०० ०८५
TROMBAY,
MUMBAI-400 085

Ref: No.: MSD/RD&EMS/MF/2021/ 119370

date: 13/09/2021

To,
M/s.

Dear Sir,
Please submit your sealed quotation for the following job:

Sr. No.	Description of job	Quantity
1	Repair of Air Cooled Chiller and Water Cooled Chiller with water tank for Transmission Electron Microscopes. (as per specifications attached in Annexure -I)	2 Jobs

The terms and conditions are given below:

1. The quotation should be sent in a sealed envelope. The quotations are to be in printed letter head / quotation format which should clearly mention the name, reference no., due date and with the words "Quotation: not to be opened". Attn..., Dr. Suman Neogy should be mentioned top of the envelop. It should reach the undersigned within the due date given below. The quotation reached after the due date will not be considered.
2. The complete quotation shall reach the following address **On or Before 27/09/2021 by Registered Post or Speed Post.**

Head,
Materials Science Division,
Bhabha Atomic Research Centre,
Trombay, Mumbai – 400085.

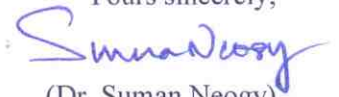
3. The quotations will be opened on the next working day at MSD/BARC between 14.00 to 16.00 Hrs. The Head of Division reserves the right to extend the date of opening the quotations and also rejects the tender without assigning any reasons.
4. Time of completion of job: 40 days after the release of work order.
5. Taxes as applicable should be quoted separately.
6. Income tax @2% and surcharge on IT as applicable will be deducted from your bill.
7. Any delay which attributable to the contractor is liable for penalty @ 0.5% per week (max. 10%) to be imposed on contractor.

8. Quotation shall consist of GSTN number registered with local GST authority/CGST Authority and PAN number of the firm. The PAN No. of the company should be clearly mentioned in your offer. The name of the authorized signatory person should be clearly mentioned below his signature. Quotations received without signature, over-writing, summation errors etc. will be considered as invalid and thus rejected.
9. Payment would directly be made by Accounts Division of BARC after 100% work is completed and on the submission of advance stamped receipt, invoice bill, and satisfactory completion certificate from the user. Payment will be made through ECS/RTGS only. No advance is admissible.
10. Quantity variation of $\pm 10\%$ is possible during the execution of the job. Actual payment shall be made based on the actual work carried out by the contractor after completion of entire job.
11. The vendor shall follow all the safety procedure as per the normal industrial practice during the execution of the job at site. Any mishap occurring during the work due to unsafe workmanship shall be the vendor's liabilities. Security and transportation rules at BARC, Trombay premises shall be strictly followed.
12. Validity of the offer shall be 45 days from date of opening of quotation:
13. Firms willing to bid for above mentioned job shall have been vetted by Security Section of BARC.
14. All the supervisors and workers should have valid Police Verification Certificate (PVC). The list of manpower available with firm shall be submitted along with their details of PVC.

Confidentiality Clause:

- A) No party shall disclose any information to any third party concerning the matters under this contract. In particular, any information identified as "proprietary" in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party. This clause shall apply to the subcontractors, consultants, advisors or the employees engaged by a party with equal force.
- B) **"Restricted information" categories under section 18 of the Atomic Energy Act, 1962 and "office secrets" under section 5 of the Official secret Act, 1923**
Any contravention of the above mentioned provisions by any contractor, subcontractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.
- C) **Prohibition against use of BARC's name without permission of publicity purpose**
The contractor, subcontractor, consultant, adviser or the employees of a contractor shall not use the BARC's name for any publicity purpose through any public media like press, T.V., radio or internet without the prior written approval of BARC.

Yours sincerely,



(Dr. Suman Neogy)

Indenting Officer

Phone No. 25595465/2242

Email: neosuman@barc.gov.in

Through:



Dr. R. Tewari
Head, Materials Science Division
Bhabha Atomic Research Centre

डा. आर. तिवारी / Dr. R. Tewari
अध्यक्ष, पदार्थ विज्ञान प्रभाग
Head, Materials Science Division
भारत सरकार / Government of India
भाभा परमाणु अनुसंधान केंद्र / Bhabha Atomic Research Centre
ट्रॉम्बे, मुंबई - 400 085. / Trombay, Mumbai - 400 085.

Scope of the work

Sub: Repair of air cooled chiller and water cooled chiller with water tank for Transmission Electron Microscopes. Location: B-318, MSD, Mod. Labs, D-Block, BARC, Trombay, Mumbai- 400085.

The following comes under the purview of the proposed minor fabrication work:

Technical specifications

Repair of air cooled chiller and water cooled chiller with water tank for Transmission Electron Microscopes

Sr. No.	Description	Quantity	
1)	Air Cooled Chiller	1 Job	
	i) Danfoss Brazzed Plate Type Heat Exchanger 5TR		1 No.
	ii) Danfoss Drier		1 No.
	ii) R-134 Refrigerant gas.		5 kg.
	iv) Solenoid Valve		1 No.
v)	N ₂ Leak testing, vacuuming, gas commissioning and installation	1 No.	
2)	Water Cooled Chiller with water tank	1 Job	
	i) Emerson Copland/Danfoss Compressor		1 No.
	ii) Danfoss Drier		1 No.
	iii) Microprocessor based control with PLC circuit and Touch Screen Display		1 No.
	iv) Simens Contractor 220V, 32A		2 Nos.
	v) R-22 Refrigerant gas		5 kg
	vi) New wiring in control panel		1 No.
	vii) SS Condenser tank (Size: 52×52×26 inch)		1 No.
	viii) SS Centrifugal water pump make CNP		2 Nos.
	ix) Danfoss plate type heat exchanger 5TR		1 No.
	x) SS Butterfly Valve		6 Nos.
xi)	N ₂ Leak testing, Vacuuming, Brazing, gas commissioning and installation	1 No.	

General Note:

- After satisfactory repair of air cooled chiller and water cooled chiller with water tank for Transmission Electron Microscopes, the performance testing of the equipment will be carried out as per the standards of working of instrument.
- Minimum one year warranty after repairing of air cooled chiller and water cooled chiller with water tank for Transmission Electron Microscopes from the date of installation and commission of the system needs to be provided.

Suman Neogy
(Dr. Suman Neogy)
Indenting Officer